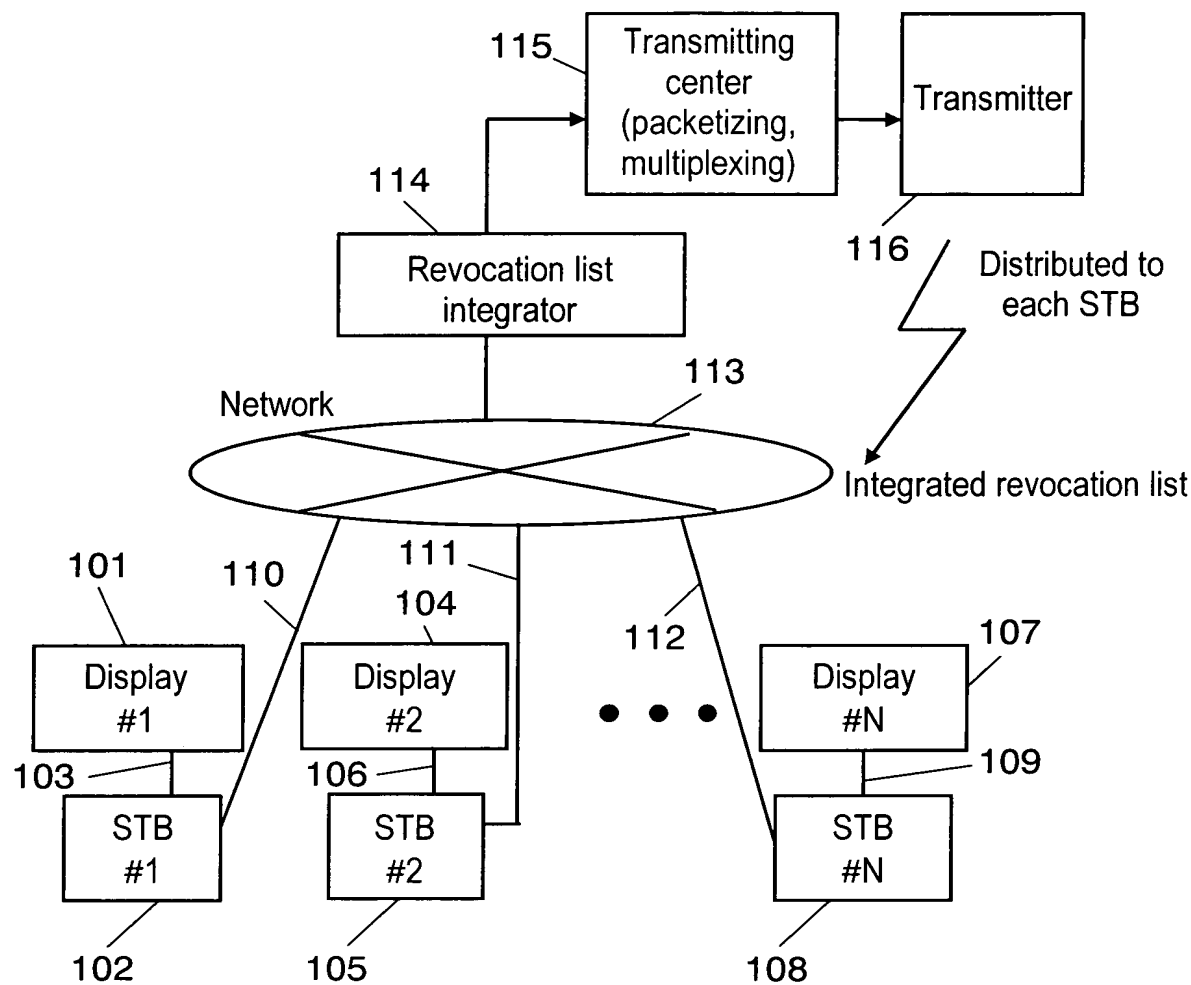


FIG. 1



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FIG. 2

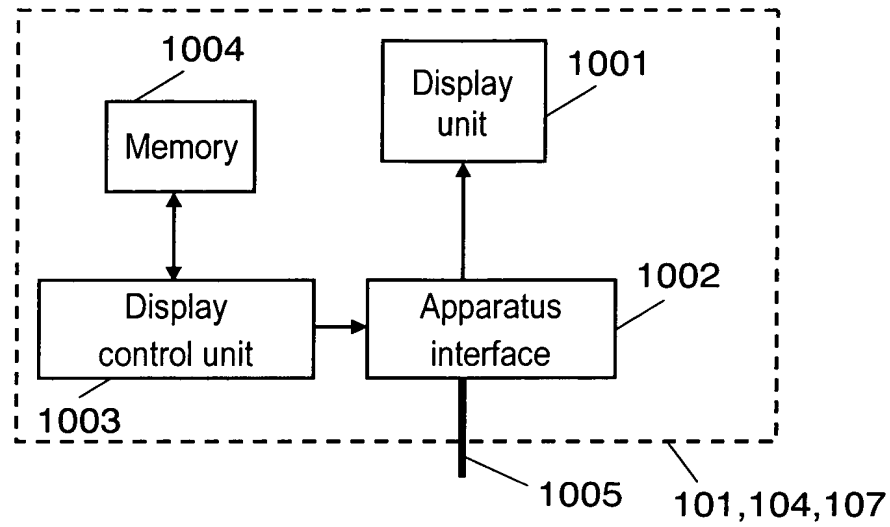
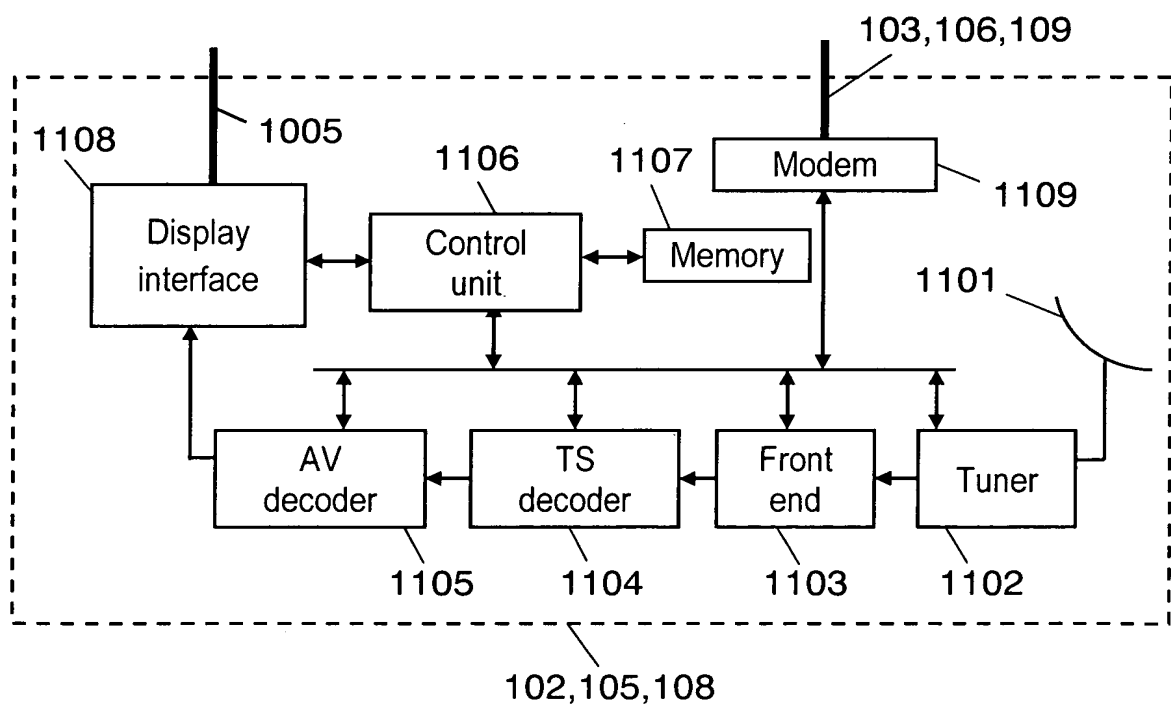


FIG. 3



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FIG. 4

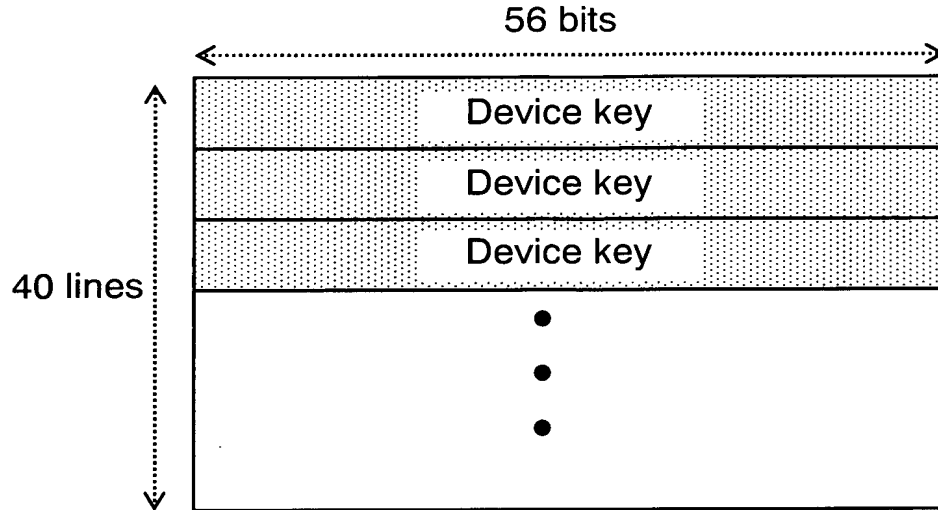
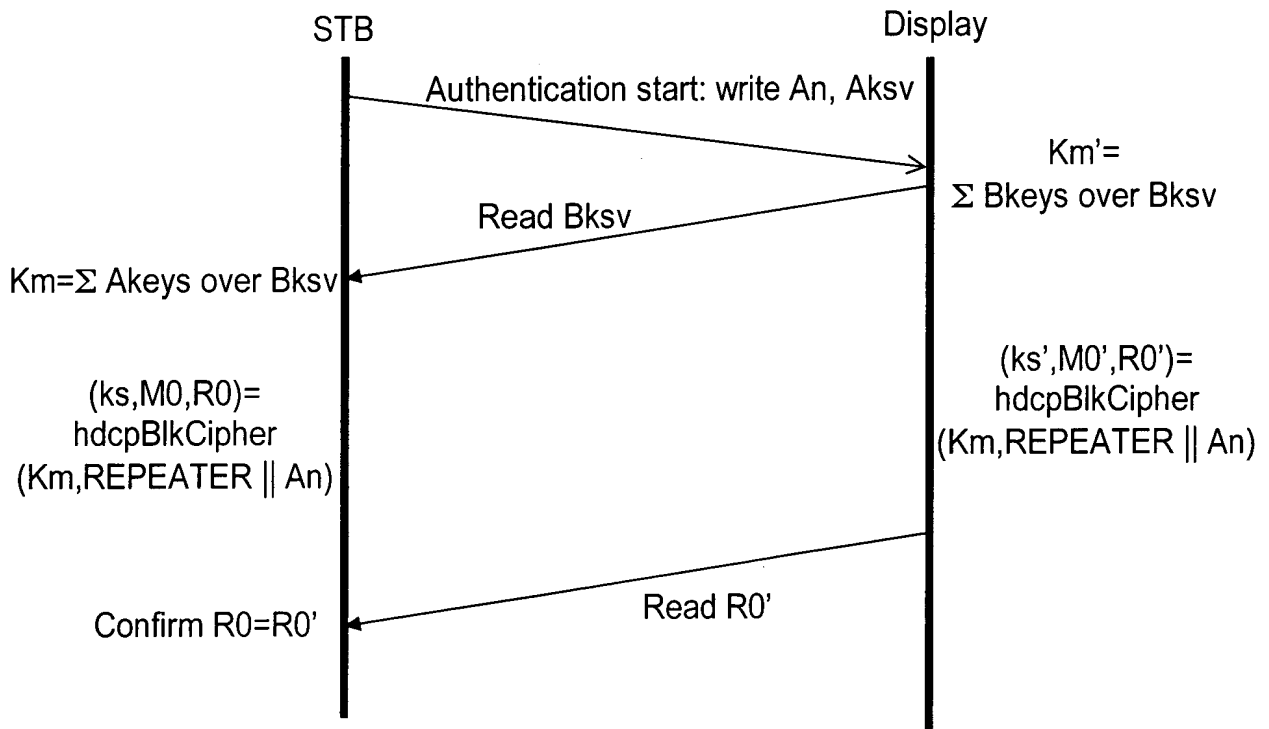


FIG. 5



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FIG. 6

Maker ID	Apparatus ID	Bksv
Maker_1	Kiki_1	Bksv_1
Maker_2	Kiki_2	Bksv_2
Not registered	Not registered	Not registered
Not registered	Not registered	Not registered

FIG. 7

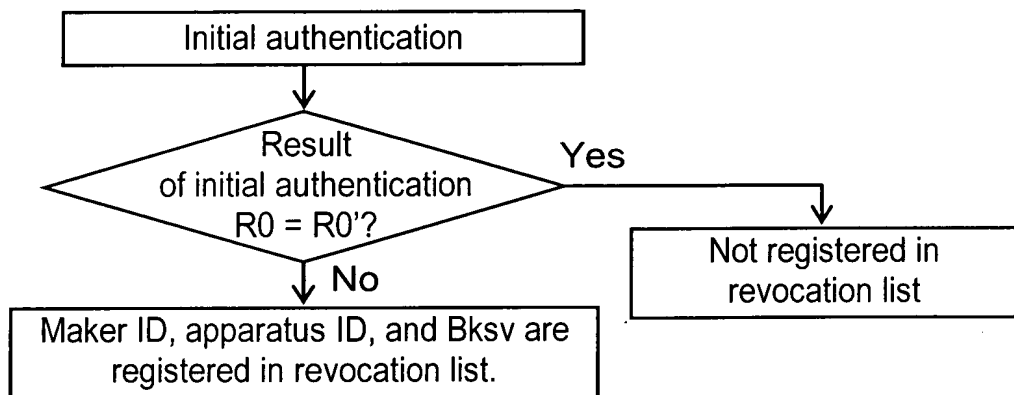


FIG. 8

Maker ID	Apparatus ID	Bksv
Maker_1	Kiki_1	Bksv_1
Maker_2	Kiki_2	Bksv_2
Maker_3	Kiki_3	Bksv_3
Not registered	Not registered	Not registered

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FIG. 9

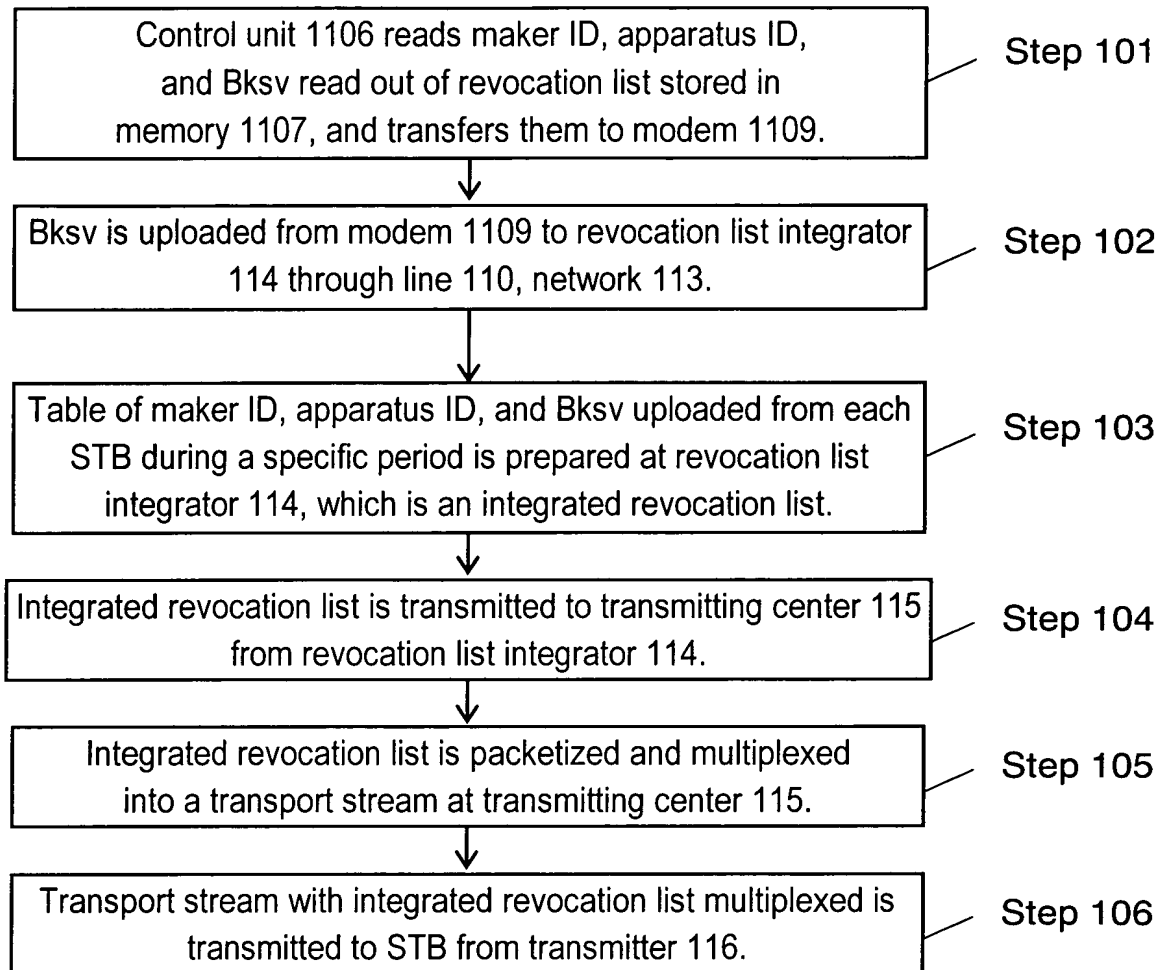
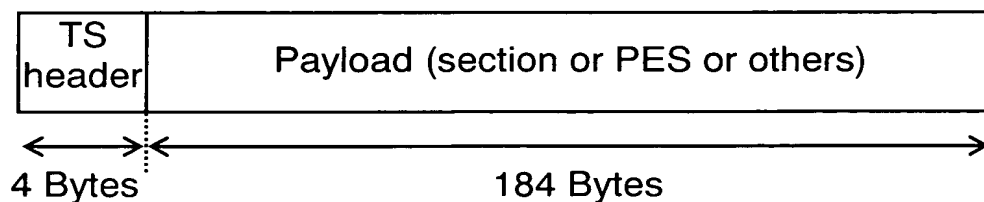


FIG. 10



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FIG. 11

Field	No. of bits
sync_byte	8
transport_stream_indicator	1
payload_unit_start_indicator	1
transport_priority	1
PID	13
transport_scrambling_control	2
adaptation_field_control	2
continuity_counter	4
for (i=0; i < n; i++){	
data_byte	8
}	

FIG. 12

Field	No. of bits
table_id	8
section_syntax_indicator	1
reserved	2
section_length	12
program_number	16
reserved	2
version_number	5
current_next_indicator	1
section_number	8
last_section_number	8
for (i=0; i < n; i++){	
marker_id	16
kiki_id	32
device_KSV	40
}	
CRC_32	32

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FIG. 13

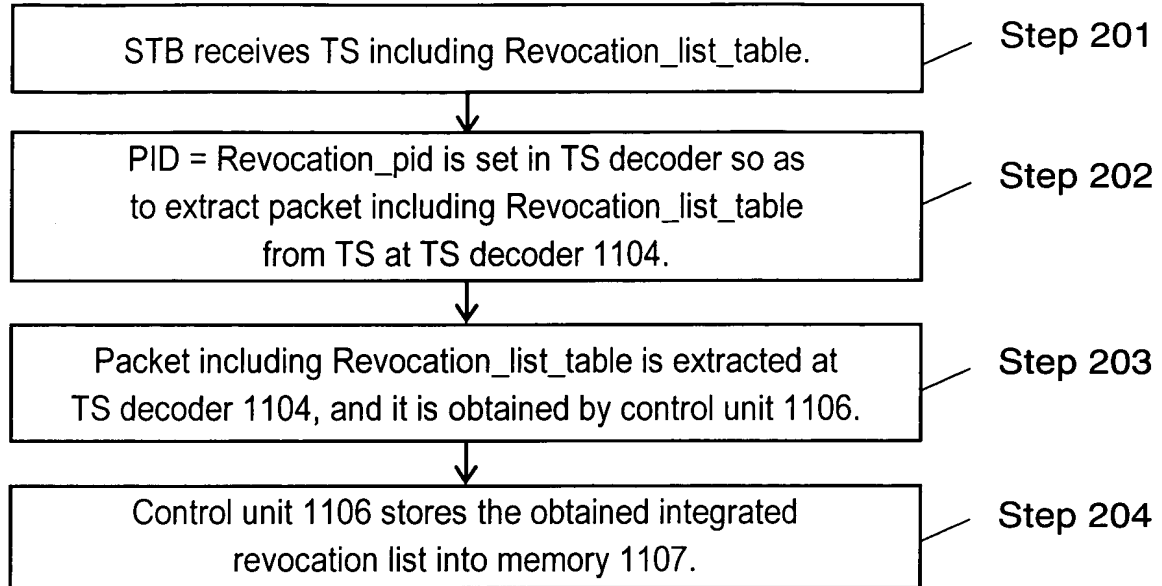


FIG. 14

Maker ID	Apparatus ID	Bksv
Maker_1	Kiki_1	Bksv_1
Maker_2	Kiki_2	Bksv_2
Maker_3	Kiki_3	Bksv_3
Maker_4	Kiki_4	Bksv_4
Maker_5	Kiki_5	Bksv_5
Not registered	Not registered	Not registered
Not registered	Not registered	Not registered

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FIG. 15

Bksv
Bksv_1
Bksv_2
Not registered
Not registered

FIG. 16

Bksv
Bksv_1
Bksv_2
Bksv_3
Not registered

FIG. 17

Field	No. of bits
table_id	8
section_syntax_indicator	1
reserved	2
section_length	12
program_number	16
reserved	2
version_number	5
current_next_indicator	1
section_number	8
last_section_number	8
for (i=0; i <n;i++){ device_KSV	40
}	
CRC_32	32

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FIG. 18

Bksv
Bksv_1
Bksv_2
Bksv_3
Bksv_4
Bksv_5
Not registered
Not registered

FIG. 19

Field	No. of bits
packet_start_code_prefix	24
strem_id	8
PES_packet_length	16
for (i=0;i <PES_packet_length/5;i++){	
maker_id	16
kiki_id	32
device_KSV	40
}	

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FIG. 20

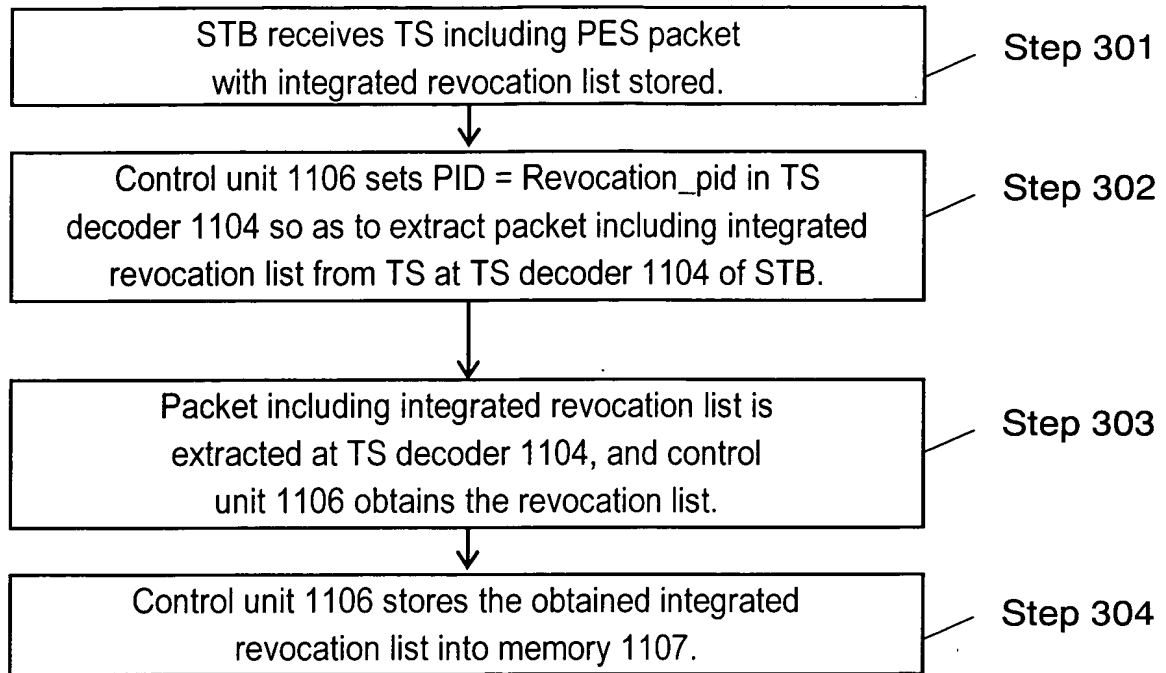


FIG. 21

Field	No. of bits
packet_start_code_prefix	24
strem_id	8
PES_packet_length	16
for (i=0;i <PES_packet_length/5;i++){ device_KSV }	40

FIG. 22

Field	No. of bits
KSV_number	16
For (l=0;l <KSV_number,l++){ maker_id kiki_id device_KSV }	16 32 40

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FIG. 23

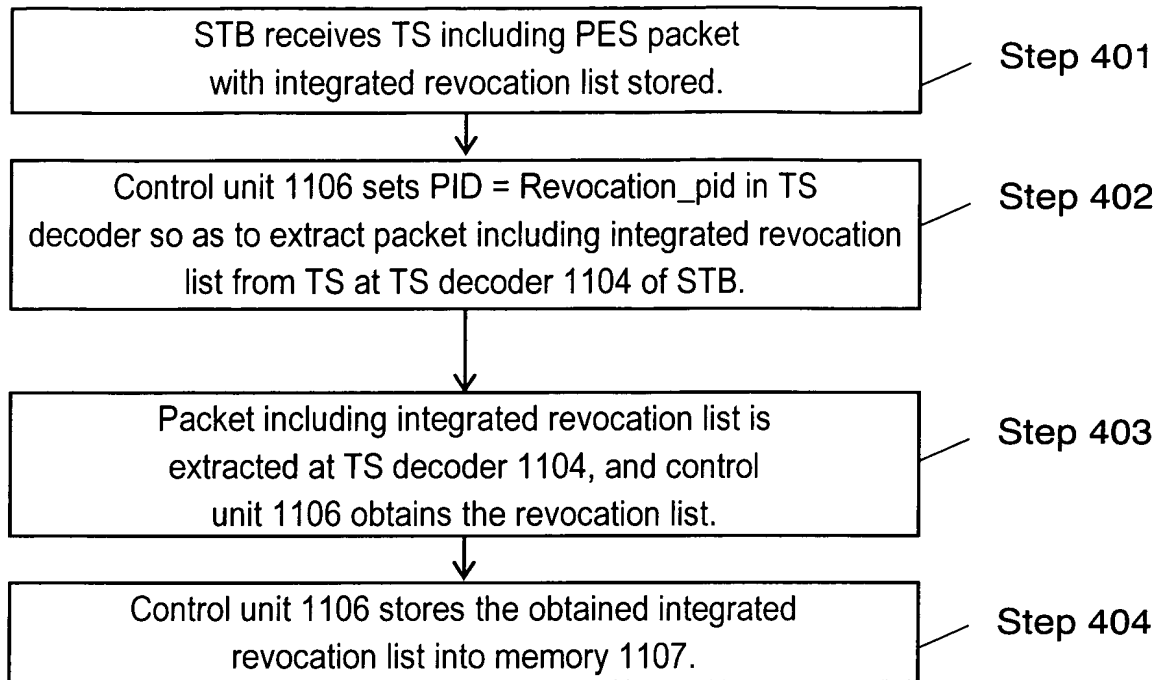
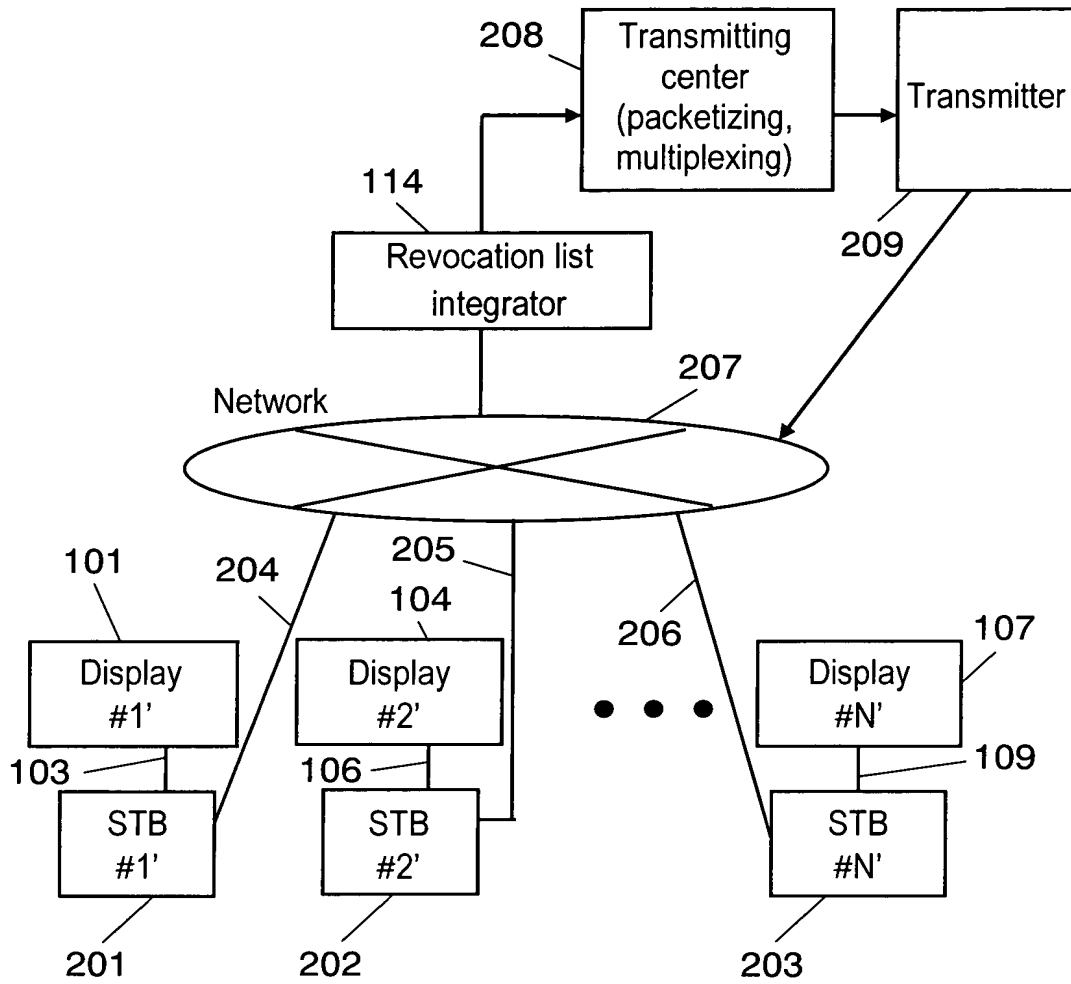


FIG. 24

Field	No. of bits
KSV_number	16
For (l=0;l <KSV_number,l++){ device_KSV }	40

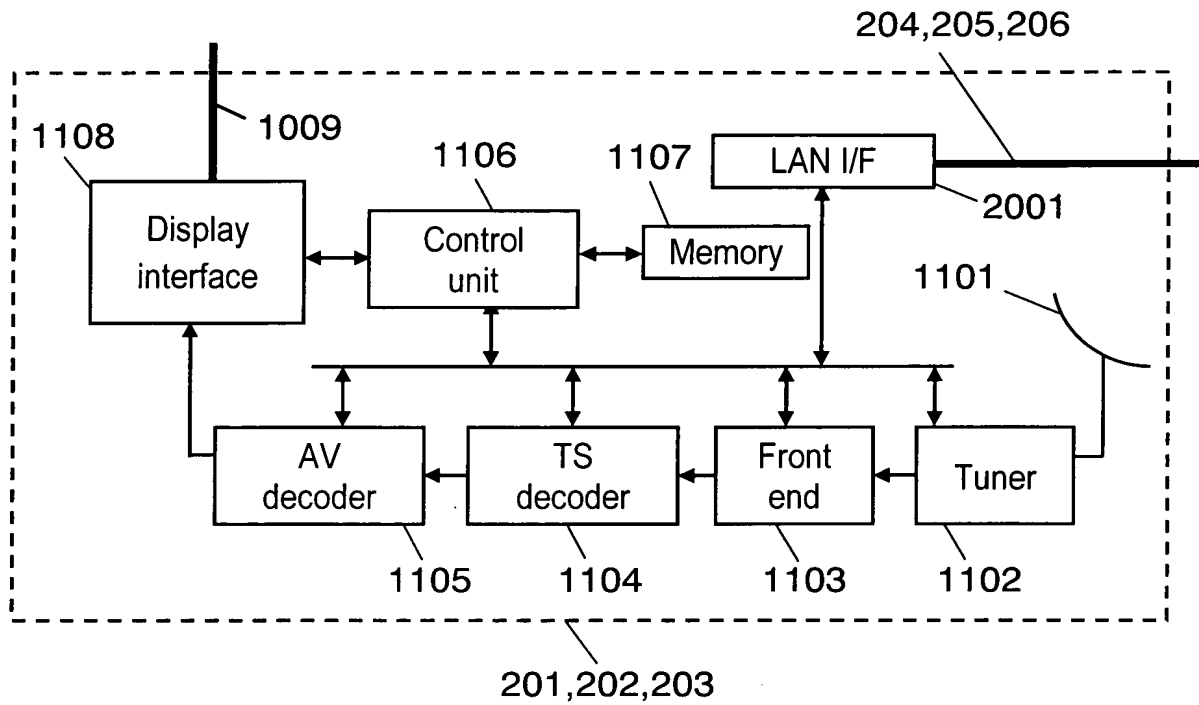
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FIG. 25



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FIG. 26



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FIG. 27

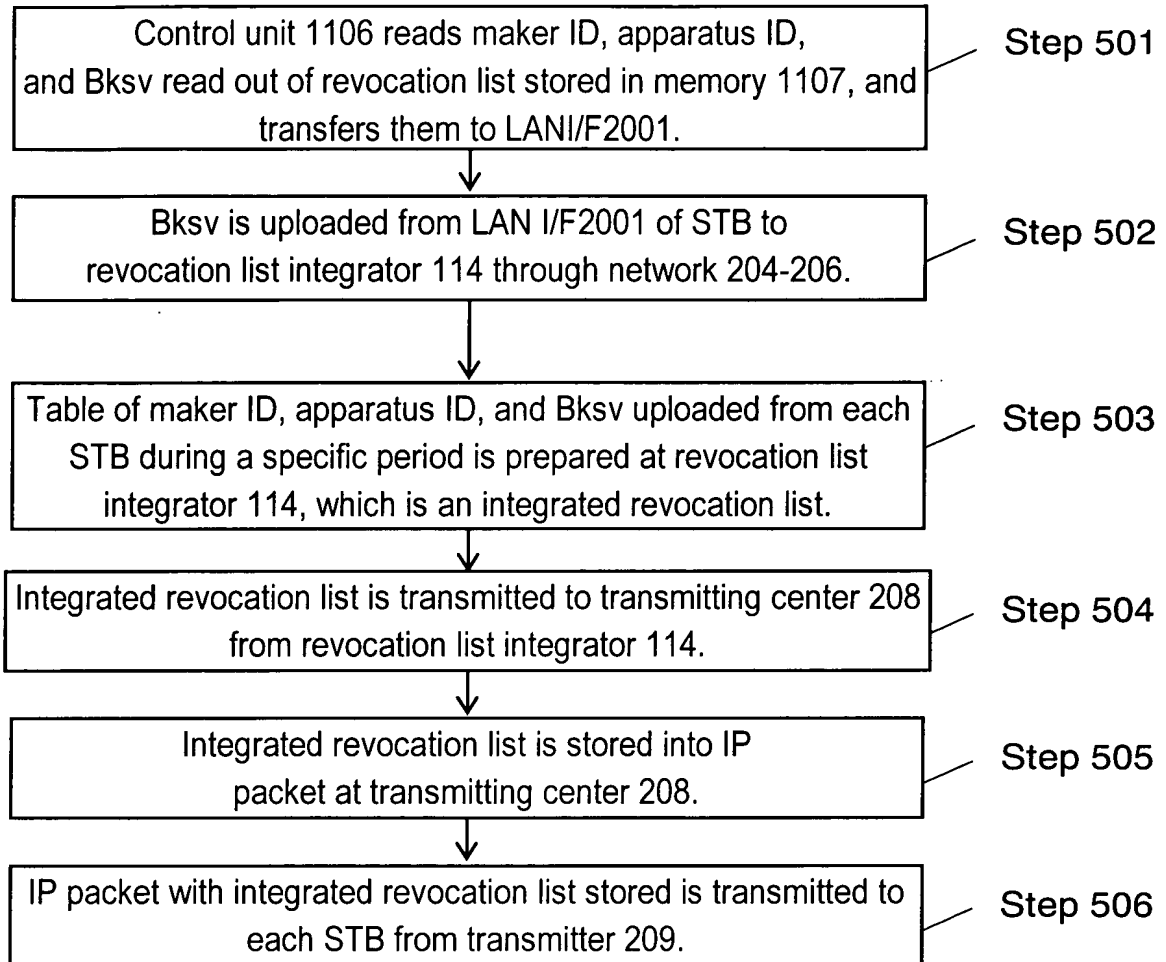
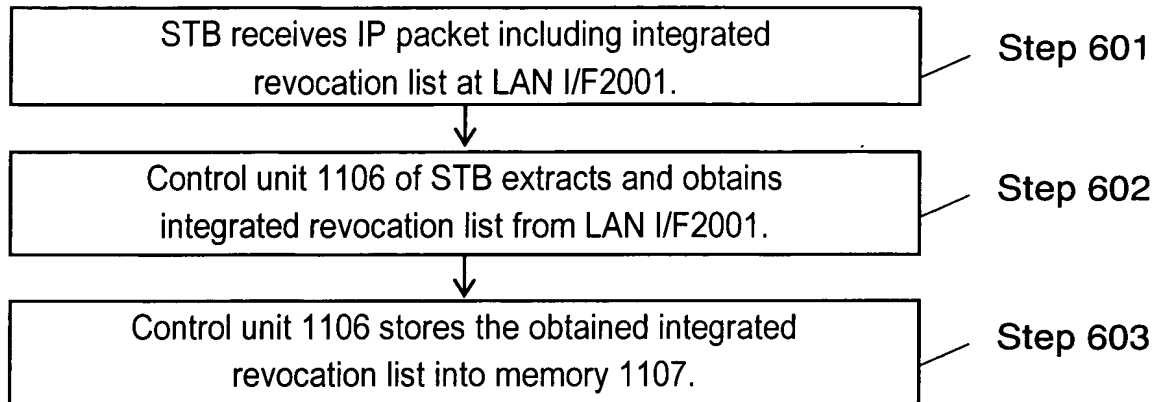


FIG. 28

Transmit IP address	Receive IP address	Protocol type	Transmit port No.	Receive port No.	Data	FCS
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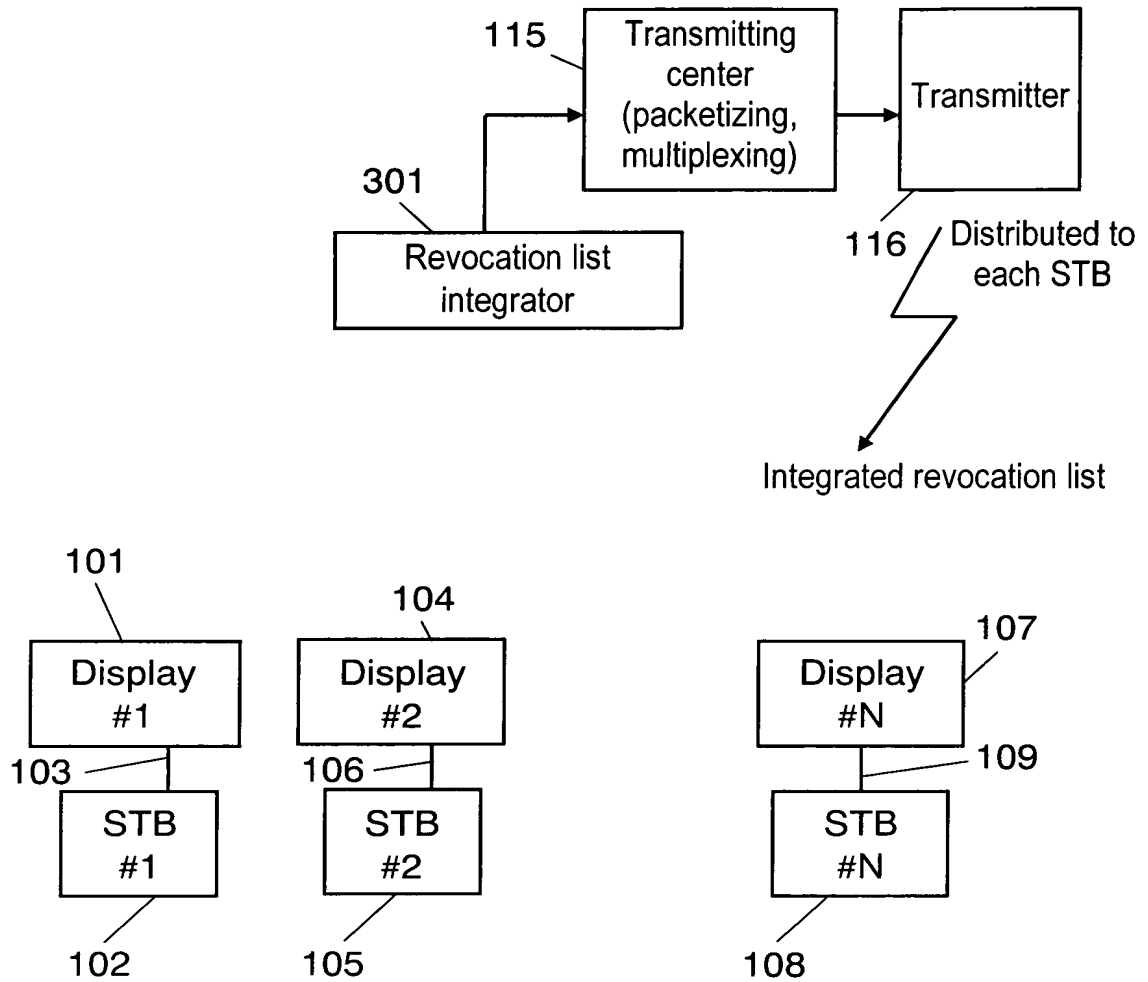
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FIG. 29



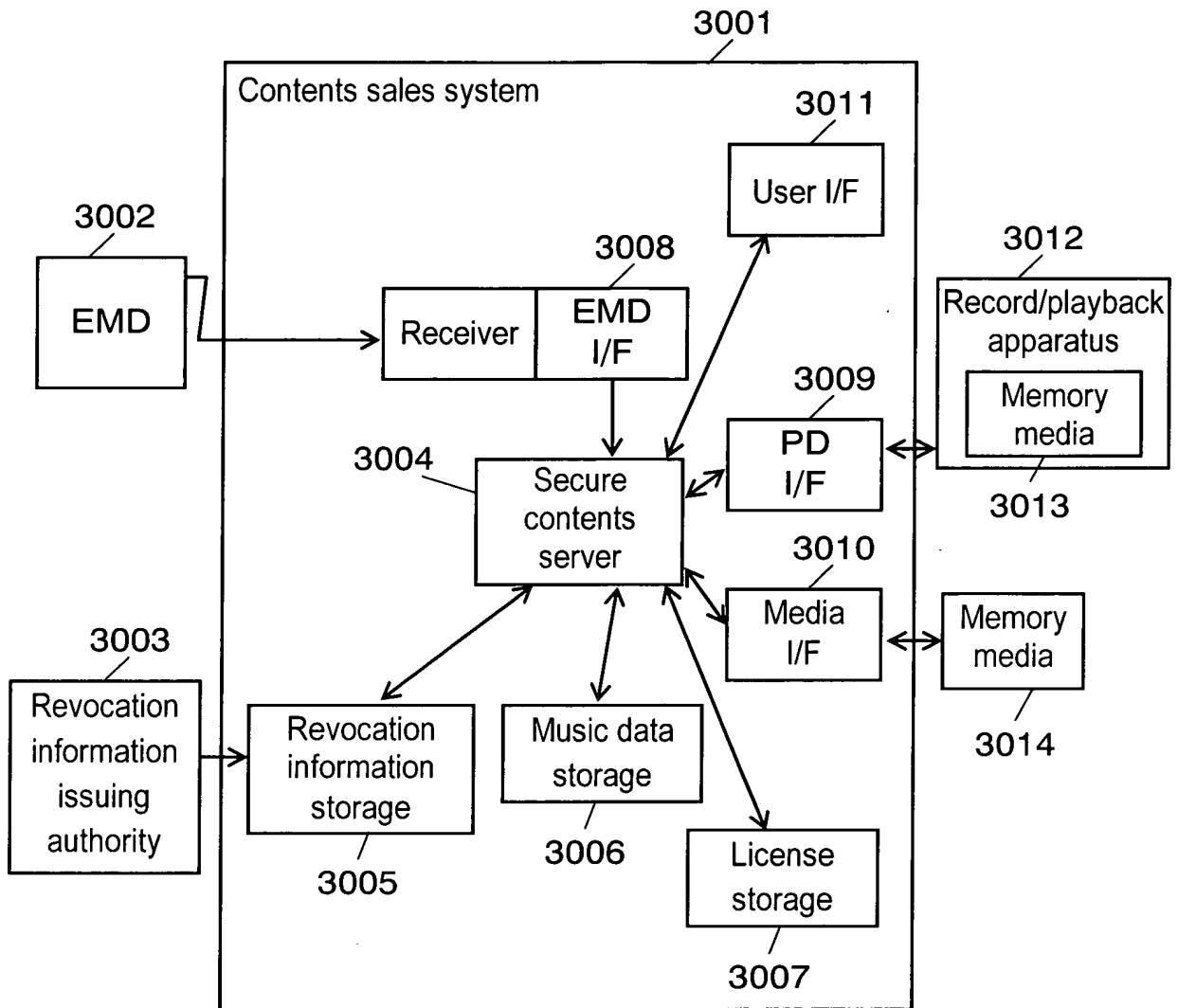
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FIG. 30



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FIG. 31



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Reference numerals in the drawings

- 101 First display
- 102 First STB
- 103 First digital interface
- 104 Second display
- 105 Second STB
- 106 Second digital display
- 107 Nth display
- 108 Nth STB
- 109 Nth digital interface
- 110 First up-line
- 111 Second up-line
- 112 Nth up-line
- 113 Network
- 114 Revocation list integrator
- 115 Transmitting center
- 116 Transmitters
- 1001 Display unit
- 1002 Apparatus interface
- 1003 Control unit
- 1004 Memory
- 1101 Antenna
- 1102 Tuner
- 1103 Front end
- 1104 TS decoder
- 1105 AV decoder
- 1106 Control unit
- 1107 Memory
- 1108 Display interface
- 201 First STB
- 202 Second STB
- 203 Nth STB
- 204-207 Network
- 208 Transmitting center
- 209 Transmitter
- 2001 LAN I/F

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301 Revocation list integrator